



**Submittal Data Sheet**

<b>Set Code</b>	22022010015697
Indoor unit code	22022011016943
Outdoor unit code	22022016016744
<b>Set Model</b>	
Indoor unit model	DSAG11D-24HRFN1-MR0W
Outdoor unit model	DOX430-24HFN1-MR0W
<b>Certified</b>	
AHRI	
UL	


**SYSTEM PERFORMANCE DATA**

<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	19
Max.fuse	(A)	30
Connection wiring		14*4 AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	6200-24600
Power Input (Max)	(W)	2520
Rated current	(A)	11.2
SEER	(Btu/W)	18.5
EER	(Btu/W)	9.5

<b>Heating at 47F</b>		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	6800-26800
Power Input (Max)	(W)	2320
Rated current	(A)	10.25
HSPF4	(Btu/W)	10.2
HSPF5	(Btu/W)	8.3
COP	W/W	3.03

<b>Heating at 17F</b>		
Max Capacity	(Btu/h)	14800

**REFRIGERANT PIPE DATA**

Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/62.8
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.32
	(g/ft)	30
Liquid side/ Gas side	(inch)	3/8" / 5/8"
	(mm)	Φ9.52 / Φ15.9
Max. pipe length	(ft)	164.0
	(m)	50.0
Max. difference in level	(ft)	82.0
	(m)	25.0
Connection method		(Flared)

Indoor(cooling/ heating)	(Deg. °F)	60 ~ 90 / 32 ~ 86
	(Deg. °C)	16 ~ 32 / 0 ~ 30
Outdoor(cooling/heating)	(Deg. °F)	5~122 / 5~75
	(Deg. °C)	-15 ~ 50 / -15 ~ 24
Application area	(sq.ft)	344.44 ~ 505.90
	(m2)	32 ~ 47

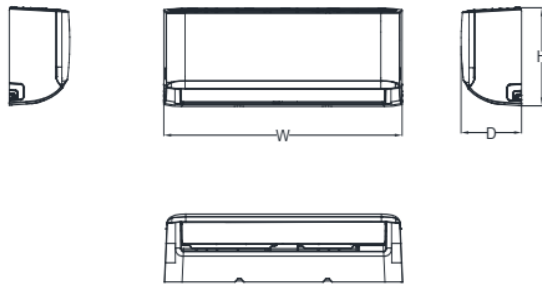
**INDOOR UNIT DATA**

<b>Indoor fan motor</b>		
Type		Cross-Flow
Model		ZKFP-58-8-1-5
Qty		1
Input	(W)	58.0
RLA	(A)	-
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1200/1080/600
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (h)	(CFM)	546.47/402.35/330.59
Indoor noise level (Hi/Med/Lc	[dB(A)]	45/39.5/36
<b>Dehumidification</b>	(Pint/H)	---
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	42.60x9.21x13.27
	(mm)	1082x234x337
Packing(WxDxH)	(inch)	45.47x16.34x12.40
	(mm)	1155x415x315
Net/Gross weight	(lbs.)	29.98/38.14
	(kg)	13.6/17.3

**OUTDOOR UNIT DATA**

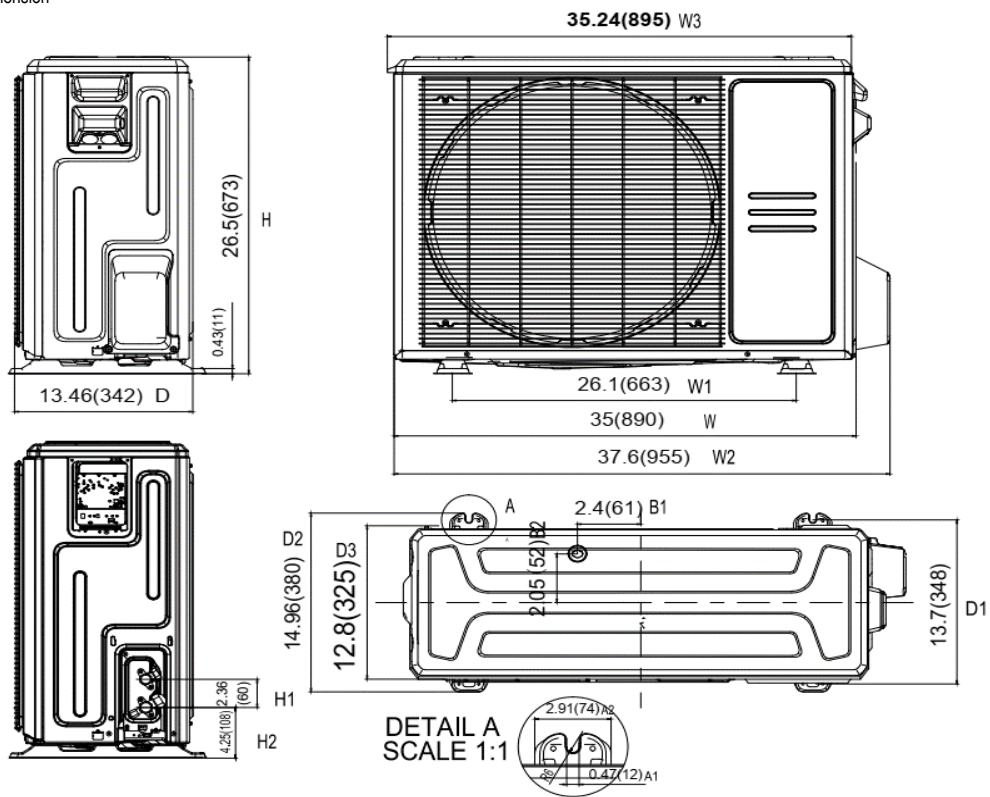
<b>Compressor</b>		
Type		KTM240D43UKT
Model		DUAL ROTARY
Brand		GMCC
Capacity	(Btu/h)	25932.27641
Input	(W)	2045
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	-
Throttle		Capillary
<b>Outdoor fan motor</b>		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	810/720
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1764.71
Outdoor noise level	[dB(A)]	60.00
<b>Outdoor unit</b>		
Dimension (WxD×H)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (WxD×H)	(inch)	39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight	(lbs.)	29.98/38.14
	(kg)	13.6/17.3

**Indoor unit dimension**

Capacity	Body Code	W(mm/inch)	D(mm/inch)	H(mm/inch)
6K-11K	A	729/28.7	200/7.87	292/11.5
8K-14K	B	802/31.57	200/7.87	295/11.61
12K-21K	C	971/38.23	228/8.98	321/12.64
18K-28K	D	1082/42.6	234/9.21	337/13.27
27K-36K	F	1259/49.57	283/11.14	362/14.25

Outdoor unit dimension



**General Features**

- Wireless Remote with LCD Display
- 46F Heating
- Sleep Mode
- Silent Mode
- Self Clean
- Follow Me (optional)

**Extended Performance Data**

